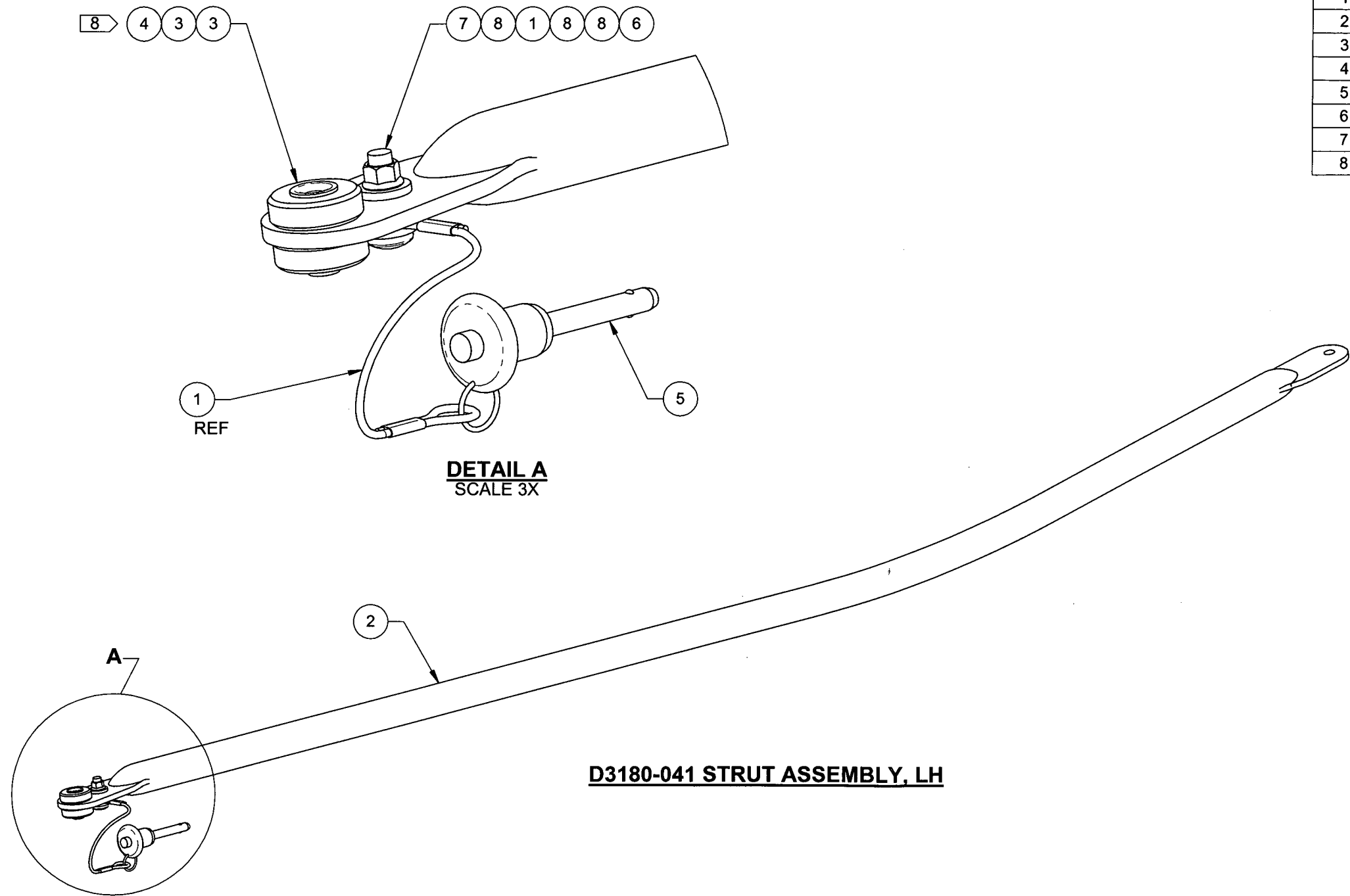


ITEM	QTY -041	P/N	DESCRIPTION
	X	D3180-041	STRUT ASSEMBLY, LH
1	1	D2690-6	LANYARD
2	1	D3180-1	STRUT
3	2	D2022-101	SPACER
4	1	A1449	GROMMET
5	1	MS17984-C310	PIN, QUICK RELEASE
6	1	MS21042L3	NUT, SELF-LOCKING
7	1	MS27039-1-10	SCREW, PAN-HEAD
8	3	NAS1149D0363J	WASHER



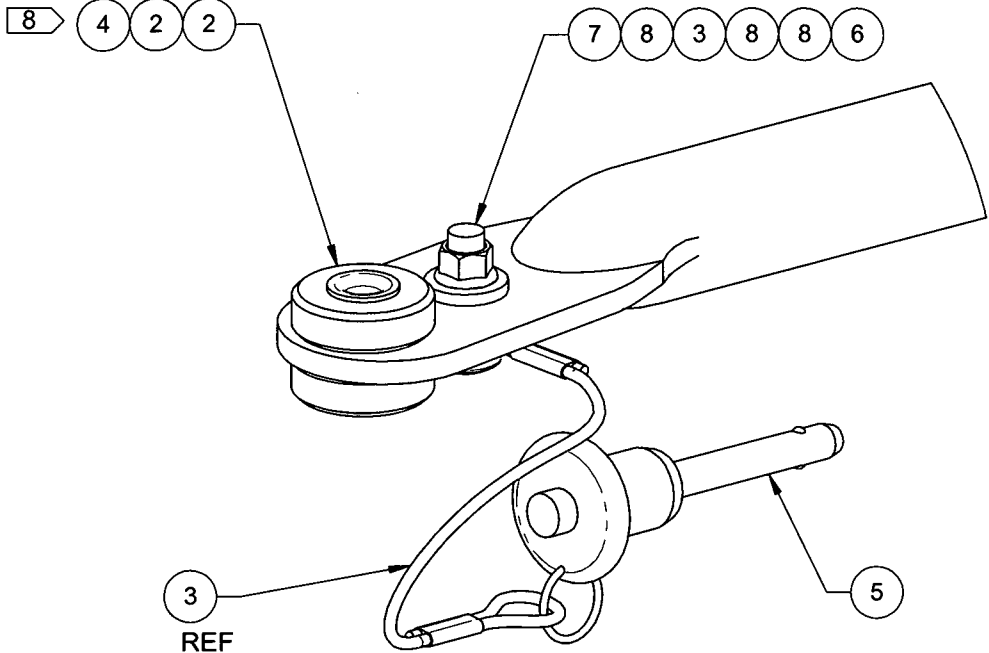
RELEASED  
2014-10-04  
*MP*

- NOTES:  
1) MATERIAL: N/A  
2) FINISH: NONE  
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED  
4) UNITS: INCHES UNLESS OTHERWISE NOTED  
5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX  
6) IDENTIFICATION: IDENTIFY WITH DART P/N "D3180-041" AND BATCH NUMBER PER QSI 044 6.1  
7) WEIGHT: 1.86 lbs  
8) SWAGE D2022-101 SPACERS ONTO D3180-1 STRUT USING A1449 GROMMET

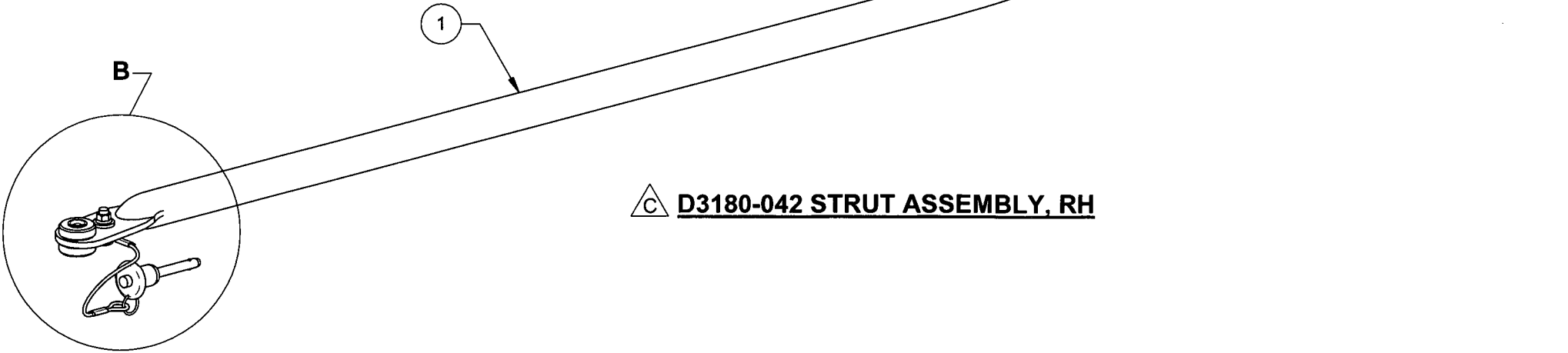
APPROVED

C	ADD D3180-042/-2 (SHEETS 2 AND 4). REF: NCR14-3457.	MB	14.03.24
B	CURVE ADDED	DC	07.05.23
A	NEW ISSUE	RF	03.01.06
REV.	DESCRIPTION	BY	DATE
DESIGN	DS	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	MB		
CHECKED	AP	DRAWING NO.	REV. C
MFG. APPR.	JLM	D3180	SHEET 1 OF 4
APPROVED	MP	TITLE	SCALE
DE APPR.	DS	STRUT ASSEMBLY	NTS
DATE	14.03.24	COPYRIGHT © 2003 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	

ITEM	QTY -042	P/N	DESCRIPTION
	X	D3180-042	STRUT ASSEMBLY, RH
1	1	D3180-2	STRUT
2	2	D2022-101	SPACER
3	1	D2690-6	LANYARD
4	1	A1449	GROMMET
5	1	MS17984-C310	PIN, QUICK RELEASE
6	1	MS21042L3	NUT, SELF-LOCKING
7	1	MS27039-1-10	SCREW, PAN-HEAD
8	3	NAS1149D0363J	WASHER



DETAIL B  
SCALE 3X

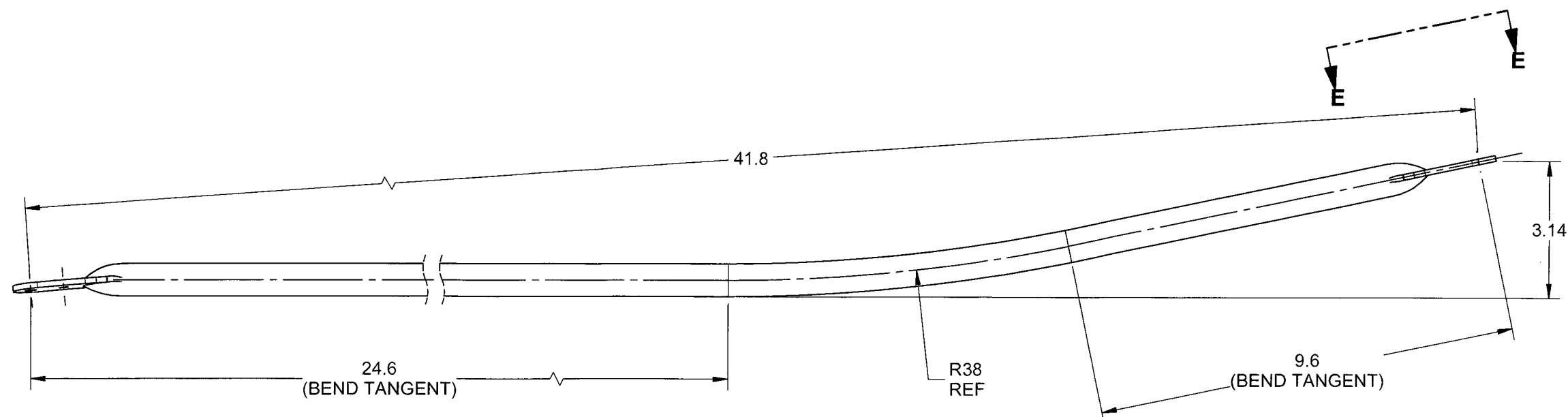
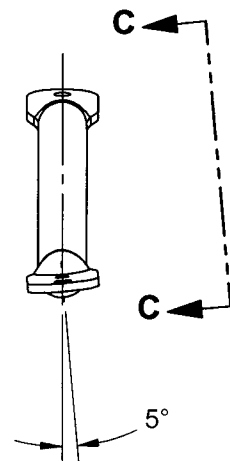


C D3180-042 STRUT ASSEMBLY, RH

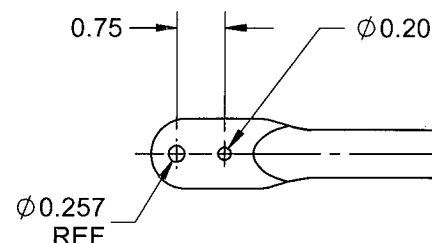
RELEASED  
2014 -10- 0 4  
*mf*

- NOTES:
- 1) MATERIAL: N/A
  - 2) FINISH: NONE
  - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
  - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
  - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
  - 6) IDENTIFICATION: IDENTIFY WITH DART P/N "D3180-042" AND BATCH NUMBER PER QSI 044 6.1
  - 7) WEIGHT: 1.86 lbs
  - 8) SWAGE D2022-101 SPACERS ONTO D3180-2 STRUT USING A1449 GROMMET

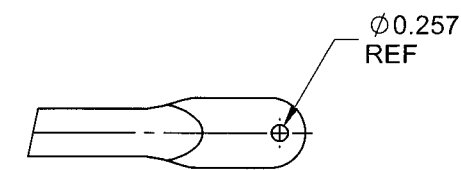
APPROVED	DESIGN	DS	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
	DRAWN	MB		
	CHECKED	AP	DRAWING NO. D3180	REV. C
	MFG. APPR.	JLM	SHEET 2 OF 4	
	APPROVED	MP	TITLE STRUT ASSEMBLY	SCALE NTS
	DE APPR.	DS	COPYRIGHT © 2003 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	
DATE		14.03.24		



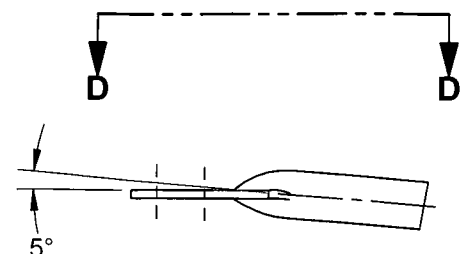
**D3180-1 STRUT**



**VIEW D-D** 8



**VIEW E-E** 8



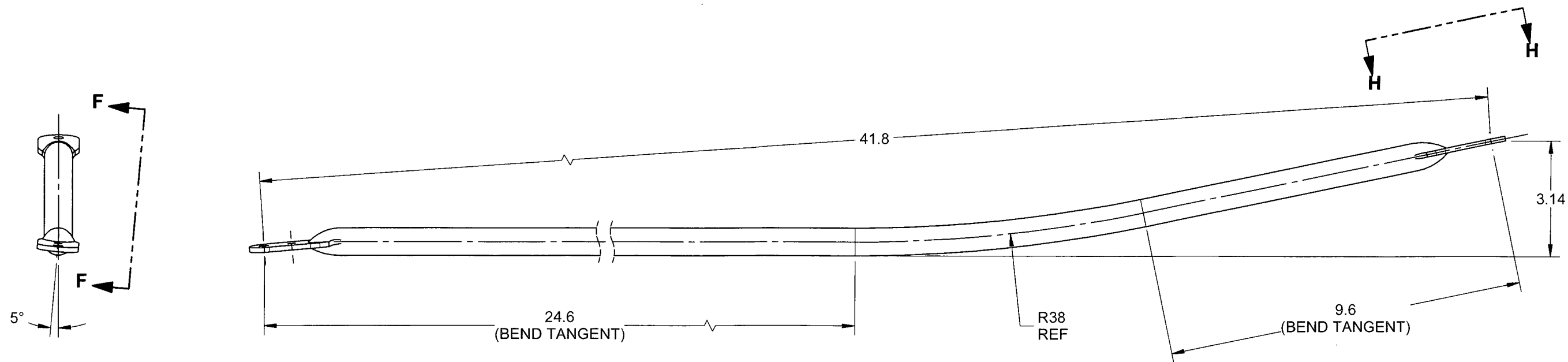
**VIEW C-C**

**RELEASED**  
2014-10-04

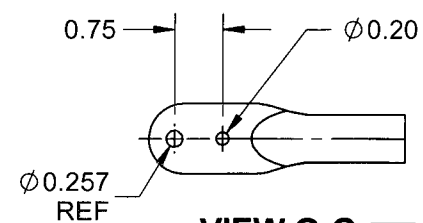
- NOTES:**
- 1) MATERIAL: AISI 304/316 STAINLESS STEEL SEAMLESS ROUND TUBING  
 $\phi 0.75 \times 0.065$  WALL, PER ASTM A213 OR ASME SA213 OR ASTM A269  
 REF. DART SPEC. M304TR0.750W.065
  - 2) FINISH: POWDER COAT WHITE (4.3.5.2) PER DART QSI 005 4.3
  - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
  - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
  - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
  - 6) IDENTIFICATION: NONE
  - 7) WEIGHT: 1.82 lbs
  - 8) PUNCH: PER SPEC. CONTROL DWG D2638

APPROVED

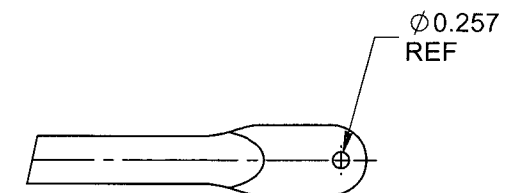
DESIGN	DS	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	MB		
CHECKED	AP	DRAWING NO. <b>D3180</b>	REV. C
MFG. APPR.	JLM		SHEET 3 OF 4
APPROVED	MP	TITLE	SCALE
DE APPR.	DS	<b>STRUT ASSEMBLY</b>	NTS
DATE	14.03.24	COPYRIGHT © 2003 BY DART AEROSPACE LTD <small>THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.</small>	



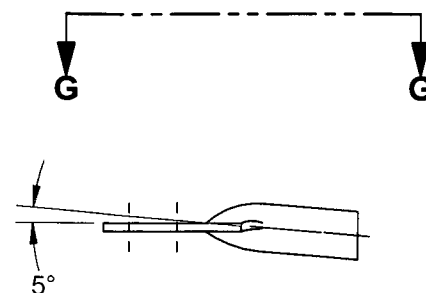
**D3180-2 STRUT**



**VIEW G-G**



**VIEW H-H**



**SECTION F-F**

- NOTES:**
- 1) MATERIAL: AISI 304/316 STAINLESS STEEL SEAMLESS ROUND TUBING  
 $\phi 0.75 \times 0.065$  WALL, PER ASTM A213 OR ASME SA213 OR ASTM A269  
 REF. DART SPEC. M304TR0.750W.065
  - 2) FINISH: POWDER COAT WHITE (4.3.5.2) PER DART QSI 005 4.3
  - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
  - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
  - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
  - 6) IDENTIFICATION: NONE
  - 7) WEIGHT: 1.82 lbs
  - 8) PUNCH: PER SPEC. CONTROL DWG D2638

**RELEASED**  
 2014-10-04

APPROVED

DESIGN	DS	<b>DART AEROSPACE LTD</b>	
DRAWN	MB	HAWKESBURY, ONTARIO, CANADA	
CHECKED	AP	DRAWING NO.	REV. C
MFG. APPR.	JLM	<b>D3180</b>	SHEET 4 OF 4
APPROVED	MP	TITLE	SCALE
DE APPR.	DS	<b>STRUT ASSEMBLY</b>	NTS
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